# Jumperia.



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HONOLULU, HAWAIIAN ISLANDS, TUESDAY, APRIL 12, 1887.

PRICE 5 CENTS.

### THE DAILY

## Commercial Advertiser

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Payable Invariably in Advance

### RAILROAD TIES.

RELATIVE LASTING QUALITIES OF DIFFERENT KINDS OF WOOD.

An Industry Which the Railroads Have Made and Fostered-The Original Hewed Article Still Considered the Best There Is.

"We have our fruit season, nut season, and various other seasons, but this is the pailroad tie season," said Roadmaster Donoghue of the Illinois Central. "The season commences about Oct. 1 and ends in April and May. From this you are to understand that during this period our busy time lasts."

"How long does a tie live?" "The average life of a tie of course depends as much upon what it is made of as the life of a man is generally gauged by his habits-it is all in the stuff that is in it. The best ties are made of burr and white oak-that is, of the material most available ties made from that sort of timber are the best. Honey locust outlasts anything we put down, but we can get but little of that. Along with the burr and white oaks we will place post oak, and place the average life of a tie of that material at seven years.

THE LIFE OF A TIE. "I might say, too," continued the roadmaster, "that the life of a tie depends much on the ballast in which the timber is imbedded. I have had ties remain sound for fifteen years in cinder and rock ballast. They last a long hime also in gravel-as long as ten years. In or-Airory earth ballast they become worth-

er seven years of service." What about the difference between hewed and sawed ties?" "Well, there is in the life of ties at the very least three years difference, and that in favor of those that are hewed, and I will give you a good reason for this fact: Sawed ties are made of timber that cannot be hewed and that has been 'shook' -timber that is blown down by storms. The saw leaves the creases around a knot so exposed that the water gets in there and so remains. The creases of the saw also make little gutters, as it were, which hold the water and which of course causes he tie to rot. In all my experience-and that covers a long term in the various branches of roadmaking-I never knew a sawed tie to lie as long as the one which is hewed. We buy ties of two classes, first and second, and are now paying from 33 to 44 cents for the former and 17 pay by the thousand feet-\$14 per 1,000. Switch ties are always sawed. A set of us \$32. All ties are closely inspected. About twice a month I do this work. section men by whom the ties are all re-

cents for the second. For sawed ties we switch ties contains 2,850 feet, and costs The ties are hauled to the track and 'ranked' (piled up), and I take a squad of handled, and so as each one is turned over it is given its class and marked on the end-two dots for second class, one dot for first. Ties made of red or water oak we throw out entirely, accepting them at no price. Ties are paid for as often as twice a month, the money being paid through the station agents of the company, who are furnished funds for that purpose. So far this season we have shipped about 80,000 ties. Just now they are being sent north to build the double track between Kankakee and Chicago and also Freeport for use in building the new road from Freeport to Madison, Wis."

TIES FOR ONE MILE. "How many ties does it take for one mile of road, Mr. Donoghue?"

"Twenty-six hundred. We watch the road closely, and as the old ones become useless we take them out and put in the new. We do not commence on a mile track or a section of track and put in ties, beginning at one end, but our aim is to keep up a uniform soundness from one end of the road to the other. Some roads adopt the plan of skipping ties in spiking the rails to them, but I find this impracticable and dangerous. Every tie should be spiked on both sides of the rail. Old ties are taken possession of by the section men, who convert them into

firewood. "Ties are hauled to us frequently from a distance of fifteen miles from the track, eight or ten ties being the average | SIIKS

load. "Ties are just as much of a commodity almost as wheat or corn. There are few general merchandise dealers along the line who do not trade for ties, and they all make a good profit. In the first place they have a profit on their goods and will sell a tie for an advance of at least five cents on what they paid for ties in trade. We are now loading and shipping away almost as fast as we receive

On account of the extensive use of trestles in bridging over low places by railroads the pile business has also grown in great proportions. These are cut from huge logs, barked and hauled to the track. They are generally about eight een inches through, thirty feet long, and one of them delivered on the car costs \$3.79. The ties on this sort of structure are all sawed, and cost \$14 per 1,000 feet. Tie and pile makers make but little money-an expert chopper cannot get out more than fifteen ties in a day. He gets 11 cents each for these, so that he would make only \$1.65 per day, and it is the tie trader, not the maker, who coins the money. - Chicago Tribune.

### Advertisements.

Claus Spreckels Wm. G. Irwin.

### CLAUS SPRECKELS & CO., CAPITAL

## BANKERS.

HAWAIIAN ISLANDS HONOLULU

Draw Exchange on the principal parts of the

Will receive deposits on open account, make collections and conduct a general banking and

Deposits bearing interest received in their Sav ings Department subject to published rules and

exchange business.

CLAUS SPRECKELS. WM. G IRWIN WM. G. IRWIN & Co., SUGAR FACTORS and Commission AGENTS, Honolulu H. I. 18-tfwtf

### MACFARLANE & CO., WHOLESALE DEALERS AND GEN.

No. 12 Kaahumann Street,

HONOLULU.

M. PHILLIPS & Co., Importers and Wholesale Dealers in Clothing, Boots, Shoes, Hats, Men's Furnishing and Fancy Goods. No. 11 Kaahumanu Street

Honolulu, H. I.

H. HACKFELD & CO., GENERAL COMMISSION AGENTS.

### HOFFSCHLAEGER & CU., Importers & Commission Merchants. Queen Street, Honolulu, H. I. 27-tf

### WM. McCANDLESS.

No. 6 Queen Street,

Fish Market. Dealer in choicest BEEF, VEAL MUTTON, FISH, etc. Family and Shipping Orders carefully attended to. Live Stock furnished to vessels at short notice, and vegetables of all kinds supplied to

### New Photograph Rooms.

OVER NICHOL'S STORE, FORT STREET, next the Shooting Gallery. Pictures, Portraits and Views. First-class work. Satisfaction guaranteed. 114ap2 I. A. GONSALVES.

Opposite Freeth & Peacock's,

NUUANU ST.

### NEW GOODS! NEW GOODS!

JUST RECEIVED. A Large Assortment of Magnificent EBONY and CINNAMON-WOOD

## FURNITURE,

Marble-top and inlaid with Pearl, ----ALSO-----

## Varieties.

### MATTING in all colors, including a new design hever seen before in this city. and Inspection invited.

### WENNER & CO. 92 Fort Street.

Have on hand New Foreign and Homemade Jewelry. Watches, Bracelets, Necklets, Pins, Lockets, Clocks, And ornaments of all kinds.

### Silver and Gold Plate Elegant Solid Silver Tea Sets.

Suitable for Presentation. ENGRAVING AND NATIVE JEWELRY A Specialty.

Repairing in all its branches. Sole Agents for King's Eye Preser vers.

### Advertisements.

### ROYAL INSURANCE C 'MP'Y OF LIVERPOOL.

UNLIMITED LIABILITY.

Fire Insurance of all description will be effected at Moderate Rates of Prem um, by the undersigned. WM. G. IRWIN & CO . Managers for Haw. Islands

UNION

: \$10,000,000

Fire and Marine Insurance Co. Of New Zealand.

Having Established an Agency at Honolulu, for the Hawaiian Islands, the un-dersigned are prepared to accept risks against Fire in dwellings, stores warehouses and merchandise on favorable terms. Marine risks on cargo, freights, bettomry, profits and commissions. Losses promptly adjusted & payable WM. G. IRWIN &

CAPITAL.

### THOMAS LINDSAY Manufacturing Jeweler, No. 60 Nuuanu Street,

Honolulu, H. I. Particular attention paid to repairing. 32tf

### The Risdon Iron & Locomotive Works.

Corner of Beal and Howard Streets.

SAN FRANCISCO.......CALIFORNIA 

BUILDERS OF STEAM MACHINERY, IN ALL its branches: Steamboat, Steamship, Land Engines and Botlers, High Pressure or Com-STEAM VESSELS of all kinds built complete with hulls of wood, iron or composite.

ORDINARY ENGINES compounded when ad-STEAM LAUNCHES, Barges and Steam Tugs constructed with reference to the trade in which they are to be employed. Speed, tonnage and draft of water guaranteed. SUGAR MILLS and Sugar Making Machinery

made after the most approved plans. Also, all Boiler Iron Work connected therewith. WATER PIPE, of Boiler or Sheet Iron, of any size, made in suitable lengths for connecting together, or Sheets Rolled, Punched and Packed for shipment, ready to be riveted on the

HYDRAULIC RIVETING, Boiler Work and Water Pipes made by this establishment, riveted by hydraulic riveting machinery, that quality of work being far superior to hand Work.

SHIP WORK, Ship and Steam Capstans, Steam Winches, Air and Circulating Pumps, made after the most approved plans. SOLE AGENTS and manufacturers for the Pacific Coast of the Heme Safety Boiler. PUMPS-Direct Acting Pumps for irrigation or city works' purposes, built with the celebrated Davy Valve Motion, superior to any other

N. S. WILLIAMS......Honolulu Room No. 3, upstairs, Spreckels' Block, 551mar 2d&wtf Agent for Hawaiian Islands.

### THE

NO. 7 FORT STREET.

### (Opposite Wilder & Co.'s)

## H. J. Noite, Propr.

OPEN FOM 3 A. M. TILL 10 P. M FIRST-CLASS LUNCHES, COFFEE,

TEA, SODA WATER, GINGER ALE, Cigars and Tobaccos

OF BEST BRANDS Plain and Fancy PIPES personally selected fro the Manufacturers, and a Large Variety

### of BEST QUALITY SMOKERS' ARTICLES.

Lovers o BILLIARDS will find an Elegant BRUNSWICK-& CO. BILLIARD TABLE

### on the Premises. The Proprietor would be pleased to receive's call

from his Friends and the Public generally who may desire a LUNCH, A SMOKE, OR A GAME OF

BILLIARDS.

### H. J. NOLTE.

### J. IVANCOVICH & CO.

Importers, Wholesale Dealers and Commission Foreign & Domestic Fruit.

500 Washington, and 601, 603 & 605 Sansome Sts , SAN FRANCISCO. This is the oldest established house in this

line of business in San Francisco, and we are prepared to fill orders of all kinds in our line.

SPECIALTY in PACKING all kinds of FRUIT for long distance markets. Your Patronage is Solicited

### Advertisements.

## INTER-ISLAND

(MALULANI,)

Will run regular.y to Maalaea, Maul, and Kons and Kan, Hawail,

STEAMER IWALANI, FREEMAN .....

STEAMER C. R. BISHOP,

STEAMER JAMES MAKEE,

T. R. FOSTER, President. J. ENA, Secretary. 53-ap7-ly

## WILDER'S STEAMSHIP CO.,

Limited.

### STEAMER KINAU.

Leaves Honolulu as per following schedule ouching at Lahaina, Maalaea, Makena, Mahu kona, Kawaihae Laupahoehoe. Hilo and Keauhou: Commencing on MONDAY, July 26, 1886, and on every alternate Monday at 4 p. m., the Kinau will make the VOLCANO TRIP, reaching Keaunou on Wednesday morning, where horses and carriages are in waiting to convey passengers to the VOLCANO HOUSE (five miles in the saddle and nine miles by carriage).

Passengers by this route will have two days and two nights at the VOLCANO HOUSE.

TICKETS FOR THE ROUND TRIP TO THE VOLCANO, FIFTY DOLLARS, WHICH PAYS ALL CHARGES. The Kinau will arrive in Honolulu Sunday mornings on Volcano trips. On Hilo trips, wil

PASSENGER TRAINS will connect with the Kinau at Mahukona The Kinau WILL TOUCH at Honokaia and Paanhau on down trips from Hilo for Passengers if a signal is made from the shore.

### STEAMER LIKELIKE.

Leaves Honoicin every Monday at 5 P. M for The Pacific Transfer Co., \*Kaunekakai, Kahului, Ruelo. Hana and Kipanulu, every week: Keanae, Mokulau and Nun every other week. Returning, will stop at the above ports, arriving back Saturday mornings. \* For malis and passengers only.

STEAMER KILAUEA HOU,

Will leave regularly for Lahalna, Paauhan, Koholalele, Ookala, Kukalau, Honohina, Laupahoehoe, Hakalan and Onomea

### (Clark, Commander) Will icave regularly for same ports as Kilauea

STEAMER MOKOLII,

(McGregor, Commander), Leaves for the following ports every alternate Monday at 5 p. m .: Commencing August 2-To Lanal, Kamalo, Pukoo, Lahaina, Olowalu. Returning to Lahaina, Pukoo, Kamalo, Lanai, arriving at Honolulu Saturday morning. Commencing August 9—To Kaunakakai, Kama-lo, Pukoo, Halawa, Wailau, Pelekuuu, Kalaupapa. Returning to Pukoo, Lahaina, Olowalu, Lahaina,

lulu Saturday morning. AST The Company will not be responsible for any freight or packages unless receipted for, nor for personal baggage unless plainly marked. Not responsible for money or jewelry unless placed in harge of the Purser. All possible care will be taken of Live Stock, but

Pukoo, Kamalo, Kannakakal, arriving at Hono-

the Company will not assume any risk of accident, SAM'L &. WILDER, President. S. B. ROSE, Secretary. OFFICE-Corner Fort and Queen streets.

### S. P. TAYLOR & CO., Paper Manufacturers,

Paper Bags, Twines, Etc., 414 and 416 Clay street, SAN FRANCISCO

AND DEALERS IN

Pioneer and San teronimo Paper Mills. South Coast Paper Mill, Soquel, Santa Cruz county, Cal. 441ja25 '88 Geo. C. Shreve & Co.,

### MANUFACTURING **JEWELERS** And Importers of

Diamonds, Watches, Silver and Silver Plated Ware, Decorated China, Art Brass Goods, Fans, Canes, Umbrellas, Berlin and Vienna Leather Goods, Opera Glasses, Clocks, Etc. Montgomery and Sutter Sts.. SAN FRANCISCO. 443ja25 '88

### NOTICE.

T A MEETING OF THE DIRECTORS OF A the Mutual Telephone Company, held this day, it was decided to reduce the rent of instruments to \$5 per month in the districts of Koolau, Ewa, Waianae and Waialua. A. JAEGER,

Secretary Mutual Telephone Co. Honolulu January 6, 1887. 402-jan-tf

### Advertisements,

UNION FEED CO.

IMPORTERS & DEALERS

HAY AND GRAIN,

Telephone No. 175.

EUREKA!

kinds of Stock, viz.;

It is the greatest Flesh former, Milk and

Butter producer in use.

Oll Cake Meal shows about 27 per cent, of au

100 bs. o this meal is equal to 300 bs. of oats,

or 318 bs. of corn, or to 767 bs. of wheat bran.

For Sale in Lots to Suit.

Also, our Unrivalled MIXED FEED, as well as

our usual supply of the best kinds o

Hay, Oats, Wheat, Corn, Etc., Etc.

LAINE & CO.

35 tf

TELEPHONE 55

PNTERPRISE

PLANING MILL.

Alakea, near Queen St.

To the Public.

Mutual Telephone 175.

citive matter; this nearly 39 per cent.

## Steam Navigation Co.

(LIMITED.)

STEAMER W. G. HALL,

.. Commande

Will run regularly to Naviliwill, Koloa, Eleele

Will run regularly to Hamoa, Maui, and Kukui haele, Honokaa and Paauhau, Hawaii.

Will run regularly to Kapaa, Kaual,

(Lorenzen, Commander).

leave Honolulu on Tuesdays, and return Saturday

(Davis, Commanger),

Office with the Union Feed Co. Bell Telephone 175.

I am fully prepared to do all kinds of drayage, nauling or moving work, all of which I will guarantee to execute faithfully (Cameron, Commander, S. F. GRAHAM, Proprietor.

### J. H. SOPER, STEAMER LEHUA, Successor to

J. M. Oat, Jr., & Co., STATIONERS & NEWS DEALERS,

Hawaiian Gazette Block. 27 Merchant St., Honolulu. H.I.

## DR. IWAI,

Physician and Surgeon,

Residence and Office, 40 Emma Street. Metropolitan Market OFFICE HOURS-From 9 to 12 a. m. BELL TELEPHONE No. 423.

### E. F. Mayhew,

CONTRACTOR AND BUILDER,: Hotel Street, Honofulu, H 1.,

(Opposite Fashion Stables).

BELL TELEPHONE 53

All work in my line faithfully done. Plans and specifications made. Jobbing in all details done at short notice. Good work and low charges is

### JOHN COOK,

House Carpenter & Builder, 31 Alakea Street.

Jobbing of all kinds done, and satisfaction Charges as low as the lowest.

any description of wood buildings.

### Advertisements.

### ATTORNEYS-AT-LAW.

CLARENCE W.

ASHFORD. Ashford & Ashford, ATTORNEYS, COUNSELLORS, SOLICITORS ADVOCATES, ETC. Office-Honolulu Hale, adjoining the Pos

## JOHN T. DARE,

Attorney and Counsellor at Law Office No. 12, Spreckels Block, Honolulu 176 oct21tf

CECIL BROWN, ATTON NEY-AT-LAW AND Notary Public, Campbell's Block, Merchant

M, THOMPSON. ATTORNEY-AT-LAW Office in Campbell's Block, corner Fort and

PRACTICES IN THE COURTS COOKED LINSEED MEAL the When desired, will give the law in a writ ten opinion, as to the probable result of the contention upon the facts stated

### J. M. MONSARRAT. ATTORNEY AT LAW -AND-

NOTARY PUBLIC. Peal Estate in any part of the King-dom Bought, Sold and Leased on Commission Loans Negotiated and Legal Documents Drawn

Gazette Block, Honolulu,

No. 27 MERCHANT STREET.

A. O. Cook & Son,

LEATHER Lace Leather and

No. 415 Market street, San Francisco.

442 jan 25'88

OAK TANNED.

Header Drapers,

IRON-BARK

We have just received from Australia a few Ironbark Foundation Timbers. SIZES-16x24 inches, 12 Feet Long.

And 14x18 inches, 16 Feet Long.

These timbers, as their name signifies, are nearly as solid and durable as iron, and for foundation purposes, or others of like nature, cannot be surpassed.

W. G. Irwin & Co.

MING STREET,

G J. WALLER. PROPRIETOR

milles and shipping supplied on SHORT

Choicest Ments from Finest He d,

NeW ICE and at the

### Lowest Market Prices.

Will furn estimates and make contracts for All meats delivered from this market are thor ongly chilled immediately after killing by means of a Bell-Coleman Patent Dry Air Refrigerator Meat so treated retains all its julcy properties, and is GUARANTEED TO KEEP LONGER AFTER DELIVERY THAN FRESHLY-KILLED MEAT.

Business Cards.

S. L. STANLEY. Spruance, Stanley & Co.,

Importers and Jobbers of Fine WHISKIES, WINES AND LIQUORS 410 Front St., San Francisco.

## 2 tf &w Fred ricksburg Brewing Co

SAN JOSE, CAL.

The Lager Beer of the above Brewery Was Awarded the First Prizes

At the Expositions of 1885 and 1886.

Freeth & Peacock.

HONOLULU, AGENTS

Biscuit Manufacturers, COR. SANSOME & BROADWAY STS., San Francisco, Cal. JAMES DUNN, Supt.

THE INTER-ISLAND STEAM NAV-IGATION COMPANY,

Keep constantly on hand, for sale, STEAM, FAMILY and BLACKSMITH COAL, and a general assortment of BAR IRON. 326 ly WATERHOUSE & LESTER,

Importers of

(Limited),

Wagon Lumber And CARRIAGE MATERIAL. 16 to 22 Beste Street, San Francisco.

Schweitzer & Co. Importers and Jobbers of FANCY GOODS, HOSIERY, GLOVES, CORSETS, White Goods, Embroideries, Handker-chiefs, Laces, Ribbon Ladies' &

### Childrens' Underwear. 29 and 31 Battery St., San Francisco E. H. Bucknam & Co.

Manufacturers and Dealers in SHIP STOVES, Tin, Copper, Crockery and Sheet Iron Wares Ship Lanterns and Signal Oil, Foundation Timbers!!

### SAN FRANCISCO, CAL. Ship and Job Work and Stove Repairing of all rinds a specialty. 187 feb10'88

22 Stewart St., bet. Market and Mission,

TO PLANTERS.

Automatic Trash Feeding Furnaces.

Fo. four and five foot furnaces, complete with grate bars, bearers and trash carriers. Machines of this make are now in successful operation at

Spreckelsville, Makee Sugar Company and other

We have on hand a onsignment of

Filter Presses, Having all the latest improvements.

plantations. Also, a consignment of

## Wm. G. Irwin & Co.,

PLANTERS AND OTHERS

Interested are requested to call and examine the

above. For prices and further particulars ap

The undersigned are now prepared to re ceive orders for this Celebrated Fertilizer from the manufactory of Buck & Ohlandt San Francisco: The following is a report of the component parts, as obtained by Chemical analy-

Water..... 8.10 per cent Organic Matter ..... 29.18 " " Silicious Matter..... 4.65 " Carbonie Acid..... 1.89 " ' 

Nitrogen 2.7 per cent. Orders Received will have Prompt and Careful Attention. W. G. Irwin & Co.,

## MONTHLY PAYMENTS.

All accounts for Advertising and Job Printing

Agents or the Hawaiiau Islands.

Pacific Commercial La estimar

Office will from this date be presented for pay ment monthly Honolulu, March 2, 1885.